## **Document Log Item**

Addressing			
From		То	
Adam Freedman/R9/USEPA/US		George Robin/R9/USEPA/US@EPA George Robin/R9/ USEPA/US	
сс		BCC	
R9-Deep			
Description			Form Used: Reply
Subject		Date/Time	
Re: (Shell) C6 CCS Plugging & Abandonment Plans		02/24/2010 04:55 PM	
# of Attachments	<b>Total Bytes</b>	NPM	Contributor
0	14,464		
Processing			
Comments			

### Body

#### **Document Body**



-Adam

#### George Robin---02/23/2010 11:11:14 AM---Thanks Adam, I

From: George Robin/R9/USEPA/US

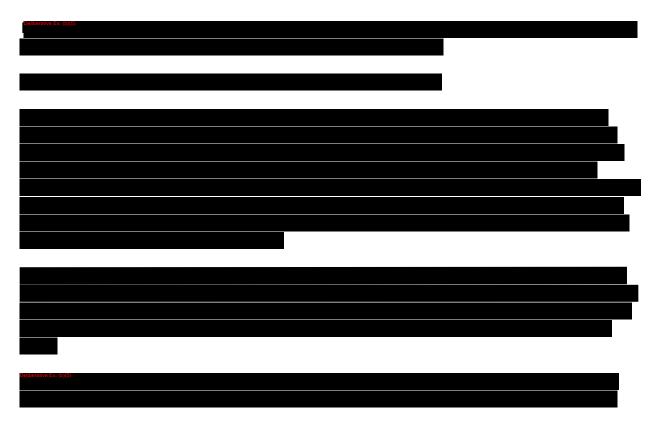
To: Adam Freedman/R9/USEPA/US@EPA

Cc: R9-Deep

Date: 02/23/2010 11:11 AM

Subject: (Shell) C6 CCS Plugging & Abandonment Plans

#### Thanks Adam,



# Soliterative Ex. (b)(5)

#### George

#### Adam Freedman---02/23/2010 10:46:53 AM---George--

From: Adam Freedman/R9/USEPA/US
To: George Robin/R9/USEPA/US@EPA

Date: 02/23/2010 10:46 AM

Subject: Re: Fw: C6 CCS Plugging & Abandonment Plans

# George- Duitterritive Ex. (0)(5)

#### -Adam

#### George Robin---02/18/2010 12:49:10 PM---Adam,

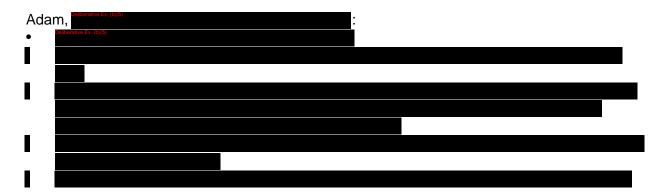
From: George Robin/R9/USEPA/US

To: Adam Freedman/R9/USEPA/US@EPA

Page 3 of 6

Date: 02/18/2010 12:49 PM

Subject: Fw: C6 CCS Plugging & Abandonment Plans



#### George

---- Forwarded by George Robin/R9/USEPA/US on 02/18/2010 12:39 PM -----

From: <Damonica.Pierson@Shell.com>
To: Adam Freedman/R9/USEPA/US@EPA
Cc: George Robin/R9/USEPA/US@EPA

Date: 02/17/2010 10:00 AM

Subject: RE: C6 CCS Plugging & Abandonment Plans

Adam and George, attached below is a schematic that visually represents the temporary and permanent P&A for the injection well. There is a note on the drawing that indicates similar P&A procedures for the monitoring well. Realizing that you originally requested two separate drawings, let me know if this will suffice.

#### ----Original Message----

**From:** Freedman.Adam@epamail.epa.gov [mailto:Freedman.Adam@epamail.epa.gov]

Sent: Tuesday, February 09, 2010 6:18 PM

To: Pierson, Damonica M SEPCO-SWE

**Cc:** robin.george@epa.gov

**Subject:** C6 CCS Plugging & Abandonment Plans Damonica.

In Attachment Q of your permit application, C6 describes their general plugging and abandonment (P&A) plans. I am requesting that C6 submit schematics (similar to Figure M-1) that will complement that written description. The schematics should visually represent both the temporary and permanent P&A plans as submitted (two separate schematics should be prepared), showing where the cement plugs will be, where mud will be used, an accurate portrayal of the wells after any of the temporarily installed monitoring equipment is removed, and the depths of relevant geologic formations. For guidance, on this website (http://www.epa.gov/region09/water/groundwater/uic-permits.html#lapaloma) click on the Final Permit for La Paloma Generating Company and see Figures 9a and 9b. If you have any questions, please feel free to contact me. Thank you.

Adam Freedman
Environmental Scientist, Underground Injection Control
U.S. Environmental Protection Agency, Region 9
75 Hawthorne Street (WTR-9)
San Francisco, CA 94105-3901
415.972.3845

freedman.adam@epa.gov [attachment "TA\_PA well schematic Injection Well.ppt" deleted by Adam Freedman/R9/USEPA/US]